FIG. 1A

Customer accesses Member's join page. ●　● 105

Customer clicks "Join" button 110

Customer is re-directed to System web site 115

Customer is presented with Privacy Seal agreement specific to Member and to Customer's country of location 120

Does Customer accept Privacy Seal agreement? 125

"No" hash code is created 130

NO

YES

"Yes" hash code created 135

Customer re-directed to Member's web site, and hash code sent to Member's web site 140

"Yes" hash code received? 145

NO

"No" hash code received? 150

YES

Member web site displays customer reject page 155

NO

Join page re-displayed 160

Form requesting Customer's personal information displayed 165

Member website receives and saves Customer information and sends encrypted copy of information, along with "Yes" hash code, to System web site 170
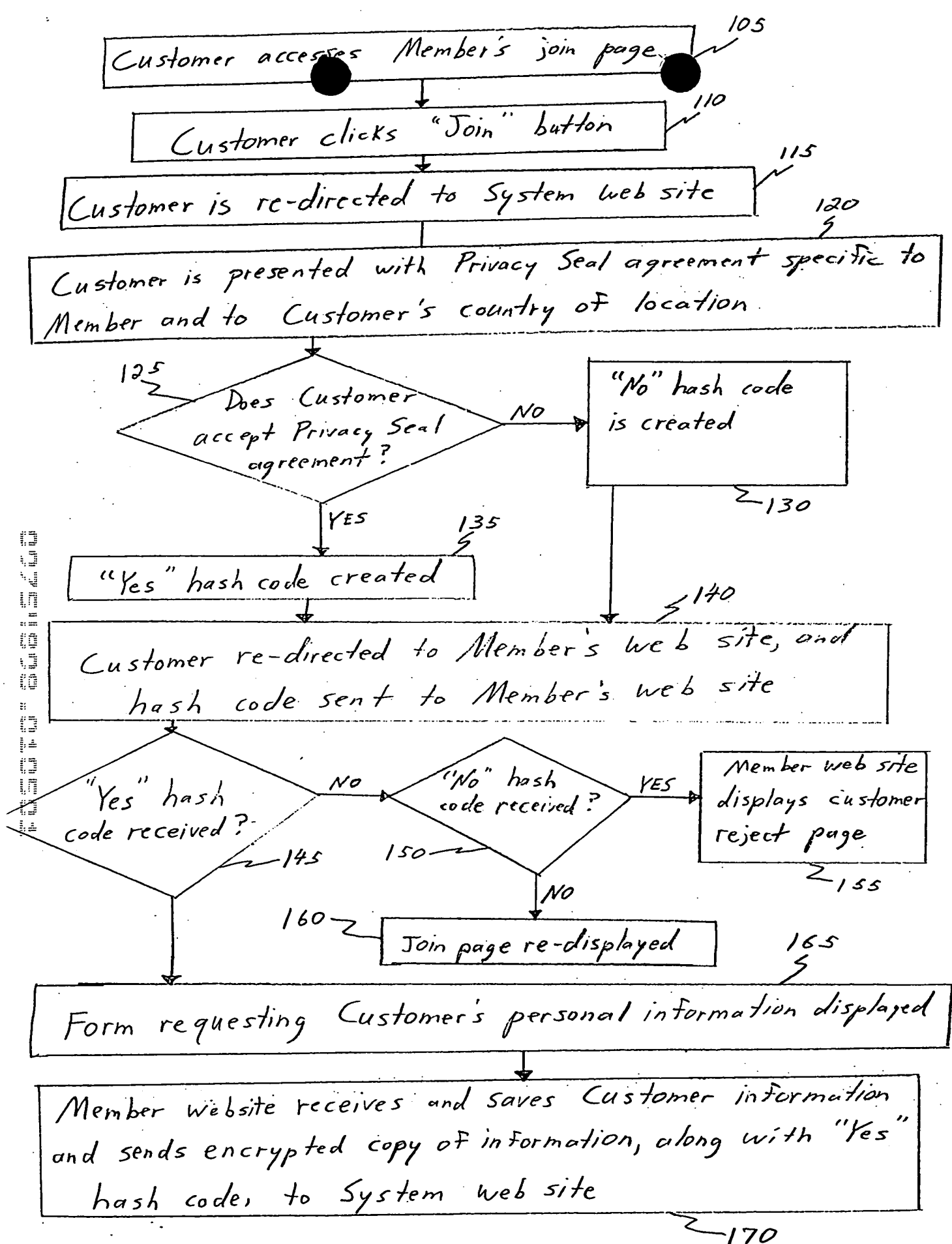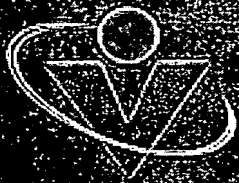
FIG. 1B

CBA Sports Supply
PRIVACY POLICY SUMMARY

TrustPage powered by PRIVACY COUNCIL

PII Collection *(Personally Identifiable Information)*

Click for more info

Do we collect PII? — **YES**

Do we use cookies? — **NO**

Do we track behavior? — **YES**

Do we allow third party tracking? — **NO**

Do we obtain PII about you from others? — **NO**

Do we allow you to access or modify your PII? — **YES**

PII Usage

Do we sell PII? — **NO**

Do we use PII for internal promotions? — **CHOICE**

Do we share PII with anyone? — **YES**

Full Privacy Policy

(REVIEWED)   (PRINT)   (SAVE)   Learn more about *TrustPage*

F/G. 2

Member Website

Join

Seal Request

(a)

Global Policy Notice Application

Policy Notice

Accept / Decline

(b)

Seal Response

Member Application

(e)

(d)

(c)

(f)

Account Setup / Account Change page

Proceed

Global Activity Database

Seal Archiving

Customer Database
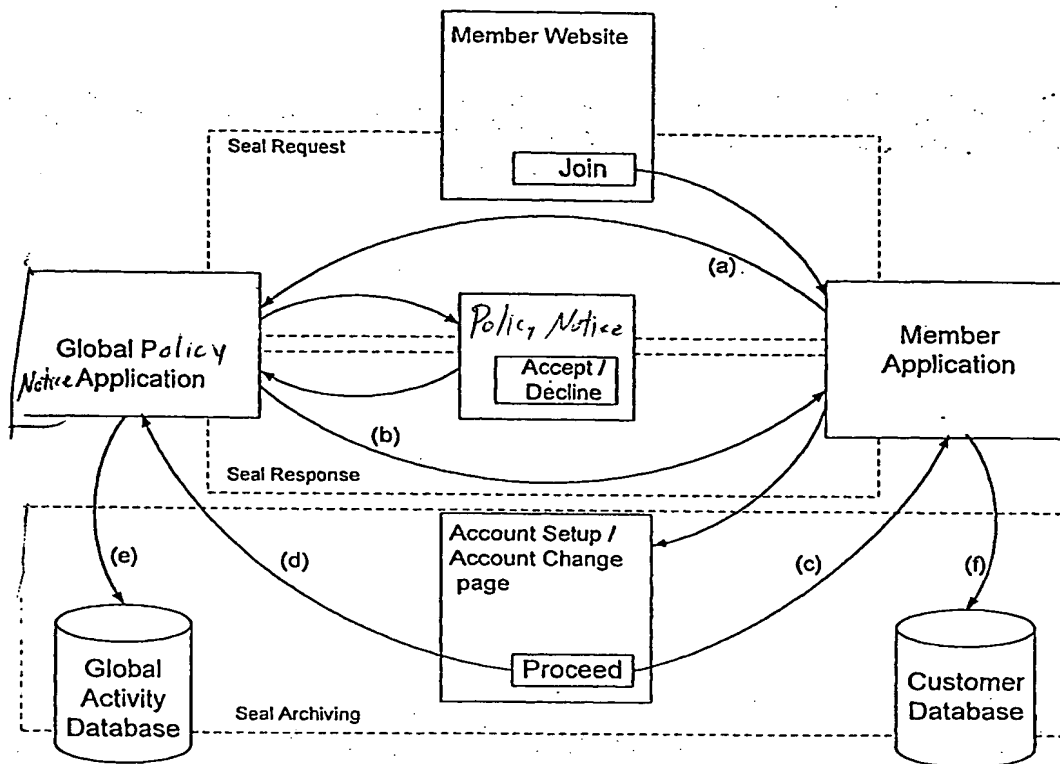
Seal Process Sequence & Content

Seal Request
(a) Send: Member ID, Customer IP

Seal Response
(b) Send Encrypted: Seal Key & Response

Seal Completion
(c) Send: Seal Key, Customer Account Information
(d) Send Encrypted: Seal Key, Customer First Name, Surname,
      All Customer Account information (as one field)

Seal Archiving
(e) Record Index - Seal Key
    Query Index - Date, First Name, Surname, Member ID
    Enforcement Index - Expiry Date
(f) Normal customer data + Seal Key

Seal Key Structure
Date & Time
Member ID
Customer IP
Privacy Policy ID
Insurance ID
Language ID
+ Check Digit

FIG. 3

MEMBER — Network Providers — CUSTOMER

Customer
Details

Member Web Page

JOIN

GLOBAL *Policy Notice*
APPLICATION

Policy Notice
Privacy & Insurance
verbiage for user's
locale

O Accept
O Reject
Change Locale
More Information

Other
International
Organizations

Customer
Personal Detail Page

Proceed

Global
Privacy
Law

Global
Insurance
Policies

Global
Member
URLs

Global
ISP
IP Register

Global
Activity
Log

FIG. 4

FIG. 5

FIG. 6

Design Class Diagram – Part 1

Organization

organizationID
name
address
city
state
country
postalCode
contact
email
phone
effectiveDate
discontinueDate
status

addOrganization()
updateOrganization()
deleteOrganization()

Privacy Laws

countryCode
referenceNumber
languageCode
effectiveDate
discontinueDate
duration
synopsis

addPrivacyLaw()
updatePrivacyLaw()
deletePrivacyLaw()

Privacy Policy

countryCode
Language Code
Policy Overview Text
Policy Detail Text
duration
Effective Date
Discontinue Date
Status

addPolicy( )
updatePolicy()
discontinuePolicy()

Member

memberID
name
address
city
state
country
postalCode
contact
email
phone
defaultCountry
defaultLanguage
IpAddressPool
membershipLevel
volumeThresholds
auditPeriod
effectiveDate
discontinueDate
status

addMember()
updateMember()
addInsurer()
updateInsurer()
deleteInsurer()
addAuditor()
updateAuditor()
deleteAuditor()
deleteMember()

Language

languageCode
effectiveDate
discontinueDate
status

addLanguage()
discontinueLanguage()

Auditor

auditorID
name
address
city
state
country
postalCode
geographical Area
contact
email
phone
effectiveDate
discontinueDate
status

addAuditor()
updateAuditor()
deleteAuditor()

Insurer

name
address
city
state
country
postalCode
contact
email
phone
effectiveDate
discontinueDate
status

addInsurer()
updateInsurer()
deleteInsurer()

Insurance Policy

InsurancePolicyID
memberID
InsurerID
countryCode
languageCode
policyAmount
policyOverviewText
policyDetailText
effectiveDate
discontinueDate
status

addPolicy()
updatePolicy()
discontinuePolicy()

belongs to

bound by

Issues

checks for
privacy law
compliance of

displayed in

displayed in

insures

Issues

FIG. 7A

NY2 - 1155602.1

Incident

name
addressLine1
countryCode
postalCode
startTimeFrame
endTimeFrame

fileIncident()
logIncident()
updateIncident()
getIncident()
regenerateSeal()

files

Consumer

name
address
city
state
country
postalCode
Phone
Member ID
Timeframe

addConsumer()
updateConsumer()
deleteConsumer()

accepts

Seal

seallD
memberID
privateData
name
addressLine1
countryCode
postalCode
expirationDate
memberNotifyExpirationDate
memberAcknowledgeExpirationDate

addConsumerPrivacyInformation()

stores

Privacy Council

memberID

validate MemberSealData()
generateSample()
generateExpiredSeals()
processExpiredSealReceipt()
generateMemberUsageStatistics()
processCachingMechanismStatistics()
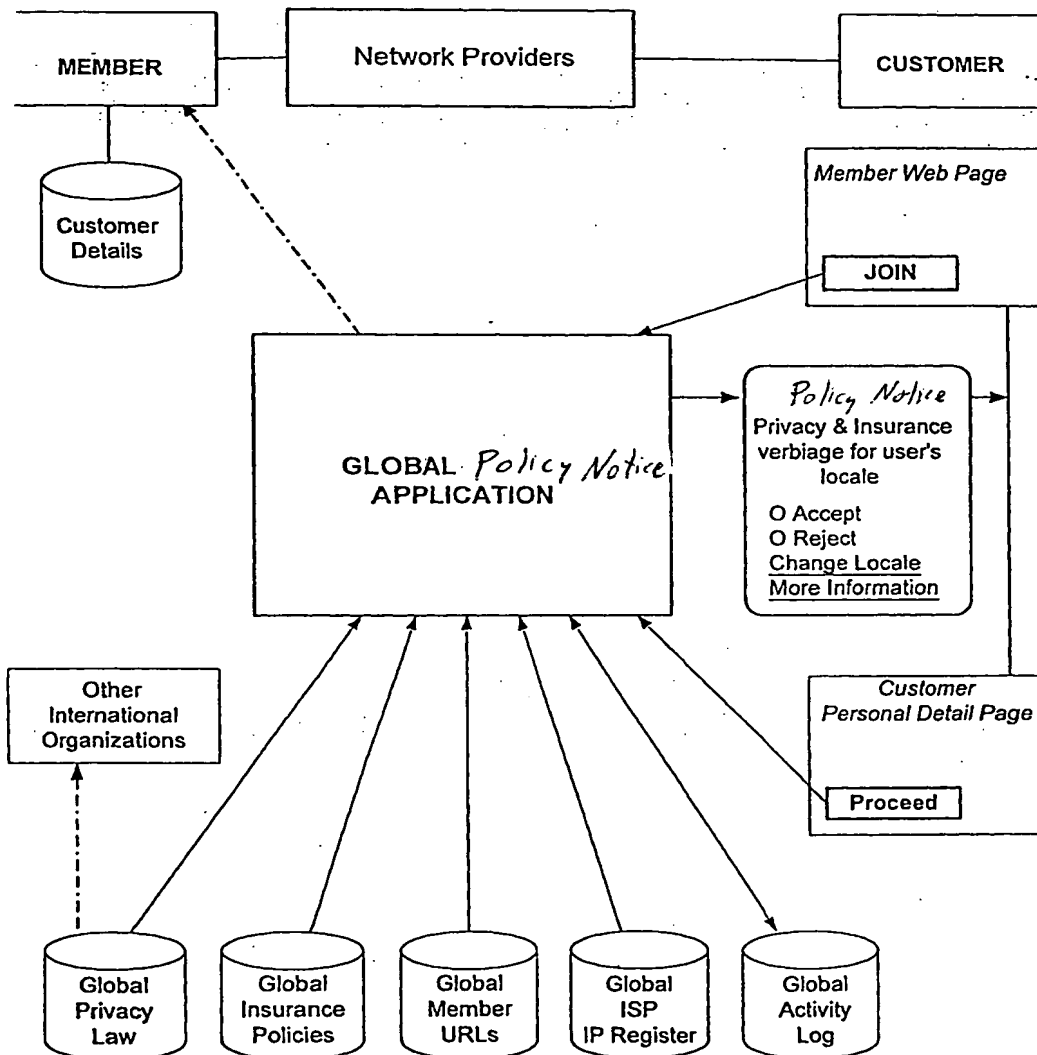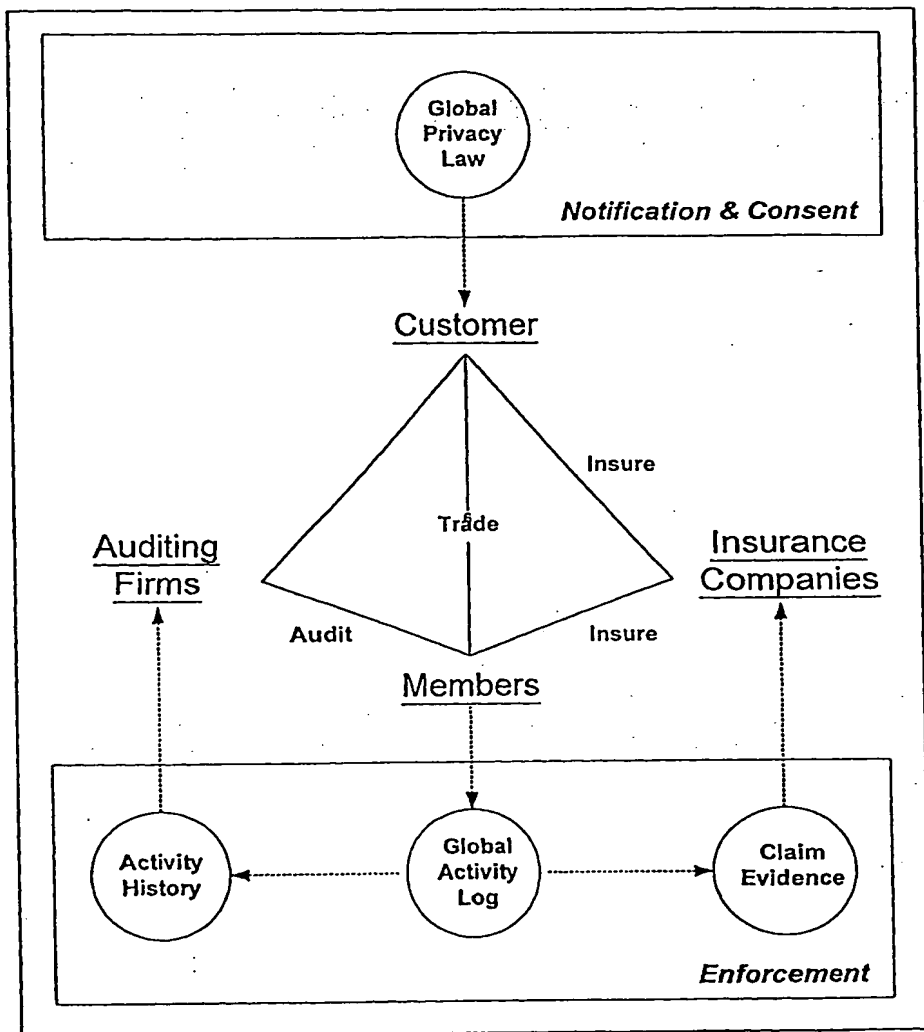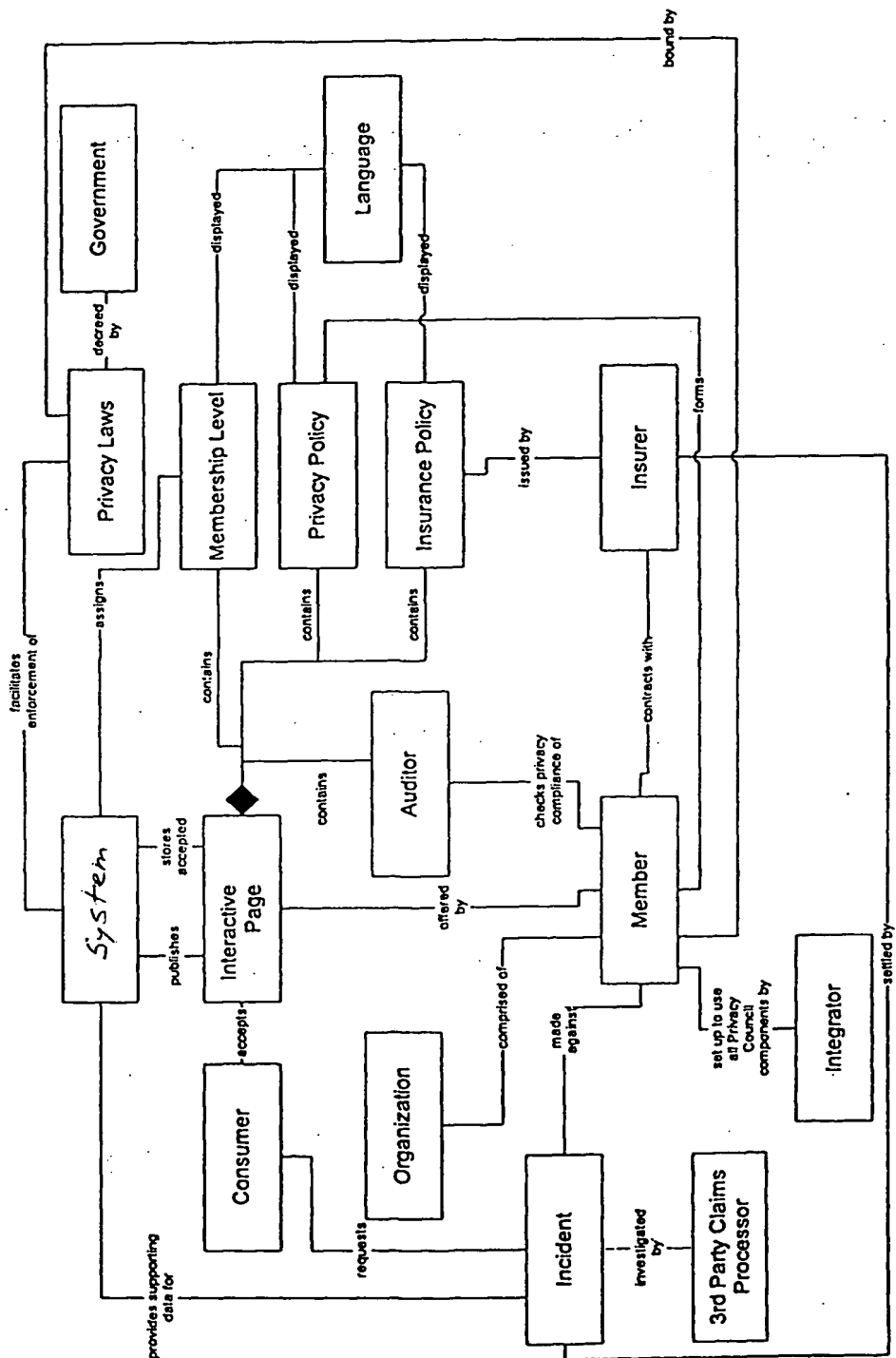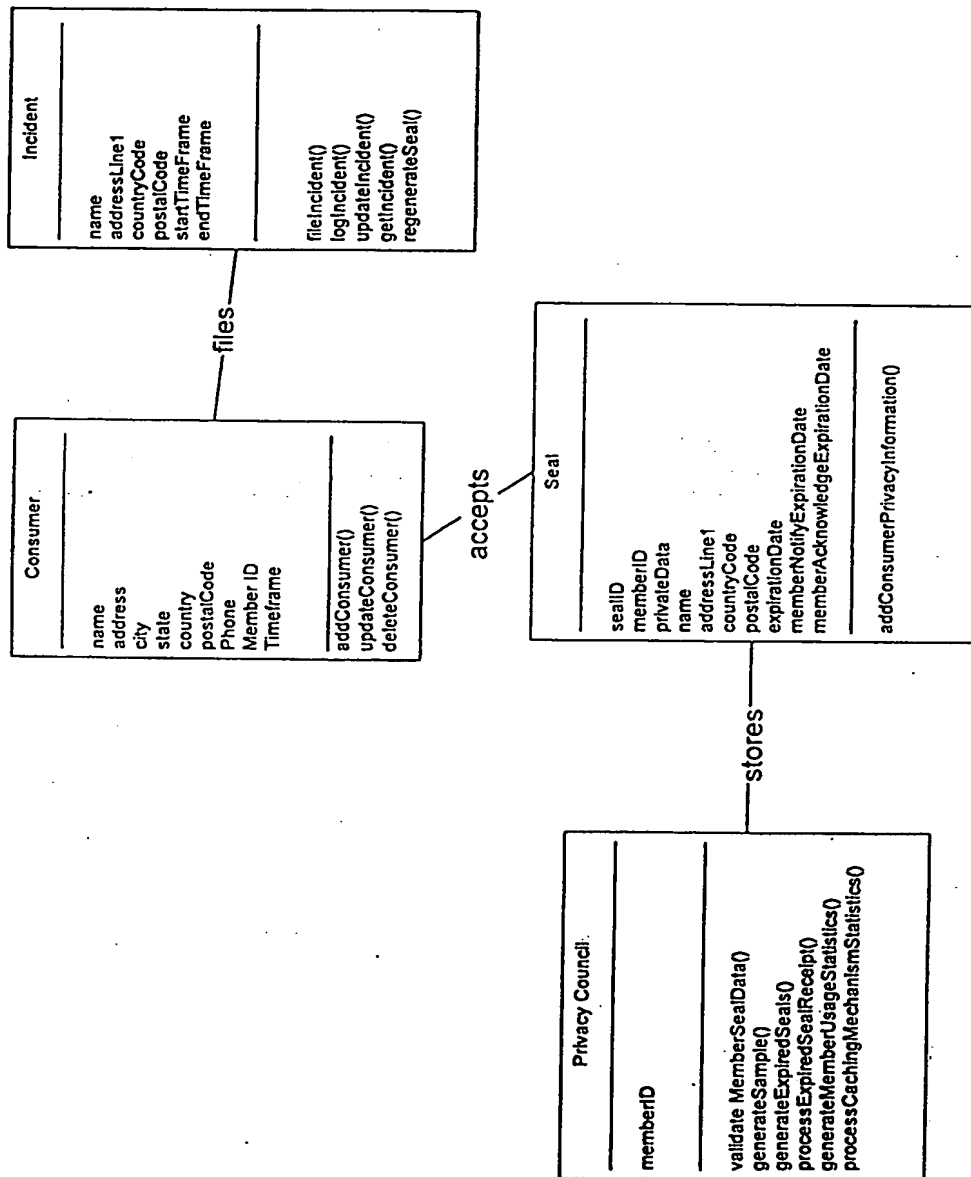
FIG. 7B

Plug-ins at Member Site

requestSealPage()
getPrivacyDetailSeal()
getInsuranceDetailSeal()
updateSealCountry()
updateSealViewLanguage()
requestSealID
generateCheckSum()
excryptSealID()
declineSeal()

Batch Sample Code at Member Site

auditValidSealID()
auditUniqueSealID()
auditExpiryDate()
auditDecryptedSample()

FIG. 7C

NY2 - 1155602.1

FIG. 8A

Language
- Language ID
- Country Code (FK)
- Language Name
- Effective Date
- Discontinue Date
- Status

Membership Level
- Level ID
- Country Code (FK)
- Language ID (FK)
- Level Overview Text
- Level Detail Text
- Effective Date
- Discontinue Date
- Status

Insurance Policy
- Insurance Policy ID
- Country Code (FK)
- Language ID (FK)
- Insurer ID (FK)
- Policy Amount
- Policy Overview Text
- Policy Detail Text
- Effective Date
- Discontinue Date
- Status

Privacy Policy
- Privacy Policy ID
- Language ID (FK)
- Policy Overview Text
- Policy Detail Text
- Duration
- Effective Date
- Discontinue Date
- Status

Language Association
- Member ID (FK)
- Language ID (FK)
- Effective Date
- Discontinue Date

Country
- Country Code
- Country Name

Membership Level Association
- Member ID (FK)
- Level ID (FK)
- Country Code (FK)
- Language ID (FK)
- Effective Date
- Discontinue Date

Privacy Policy Association
- Member ID (FK)
- Privacy Policy ID (FK)
- Language ID (FK)
- Effective Date
- Discontinue Date

Member
- Member ID
- Organization ID (FK)
- Country Code (FK)
- Integrator ID (FK)
- Name
- Address
- City
- State
- Country
- Postal Code
- Contact
- E-Mail Address
- Phone
- Volume Upper Threshold
- Volume Lower Threshold
- Audit Period
- Apply Date
- Default URL
- Language ID
- Effective Date
- Discontinue Date
- Status

Insurance Policy Association
- Insurance Policy ID (FK)
- Member ID (FK)
- Country Code (FK)
- Language ID (FK)
- Effective Date
- Discontinue Date

Auditor Association
- Member ID (FK)
- Auditor ID (FK)
- Effective Date
- Discontinue Date

Audit Log
- Auditor ID (FK)
- Member ID (FK)
- Audit Performed Date

Layout Association
- Layout ID (FK)
- Member ID (FK)
- Layout Version
- Effective Date
- Discontinue Date

Insurer Association
- Insurer ID (FK)
- Member ID (FK)
- Effective Date
- Discontinue Date

Insurance Products
- Product ID
- Insurer ID (FK)
- Product Name

Auditor
- Auditor ID
- Name
- Address
- City
- State
- County
- Postal Code
- Contact
- E-Mail Address
- Phone
- Effective Date
- Discontinue Date
- Status

Layout
- Layout ID
- Layout Description

Insurer
- Insurer ID
- Name
- Address
- City
- State
- County
- Postal Code
- Contact
- E-Mail Address
- Phone
- Effective Date
- Discontinue Date
- Status

Seal Log
Seal ID (FK)
Member ID
Expiration Date
Status
Active Index

Incident Seal
Incident ID (FK)
Seal ID
Regenerated Seal

Incident Log
Incident ID
Insurer ID (FK)
Member ID
Initiator Name
Address
City
State
Country
Postal Code
Phone
Incident Consumer Name
Incident Address Line 1
Incident Country ID
Incident Postal Code
Incident Start Date
Incident End Date
Resolution Text
Resolution Code
Resolution Seal ID
Status

Seal
Seal ID
Country Code (FK)
Language ID (FK)
Member ID (FK)
Consumer IP
Date/Time
Customer Name
Address Line 1
Postal Code
E-Mail Indicator
Encrypted Private Data

Language
Language ID
Country Code (FK)
Language Name
Effective Date
Discontinue Date
Status

Claims Processor
Claims Processor ID
Name
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Effective Date
Discontinue Date
Status
Address

Privacy Laws
Reference Number
Country Code (FK)
State
Effective Date
Discontinue Date
Duration
Synopsis

County
County Code
County Name

Statistics
Date
Member ID (FK)
Country Code (FK)
Language ID (FK)
Volume
Source

Member
Member ID
Organization ID (FK)
Country Code (FK)
Integrator ID (FK)
Name
Address
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Volume Upper Threshold
Volume Lower Threshold
Audit Period
Apply Date
Default URL
Language ID
Effective Date
Discontinue Date
Status

IP Address
Member ID (FK)
IP Start Range
IP End Range
Effective Date
Discontinue Date

Organization
Organization ID
Name
Address
City
State
Country
Postal Code
Contact
E-mail Address
Phone
Effective Date
Discontinue Date
Status

Integrator
Integrator ID
Name
Address
City
State
Country
Postal Code
Contact
E-Mail Address
Phone
Effective Date
Discontinue Date
Status

FIG. 8B